

Center for Renewable Energy Research and Environmental Stewardship
January 27, 2014 Meeting Minutes
Capitol Education Center

Present: Dr. Len Peters, Dr. Mickey Wilhelm, Cam Metcalf, Ken Seibert, Kelley Kline, and Art Williams

Also present: John Davies, Department for Energy Development & Independence (DEDI); Tim Hughes, DEDI; John Lyons, DEDI; Dr. John Rogness, DEDI; Lee Colten, DEDI; Andrew Isaacs, Kentucky Housing Corporation (KHC); Matt Fiscus, KHC and Lissa McCracken, Kentucky Pollution Prevention Center

Welcome

Dr. Len Peters

Certification of Open Meeting

Dr. Len Peters

Due to the lack of a quorum in attendance, only presentations were conducted and no official business was transacted.

Presentation of Greenhouse Gas Whitepaper

John Lyons

Mr. Lyons discussed the Energy and Environment Cabinet's Whitepaper— *Greenhouse Gas Policy Implications for Kentucky* under Section 111(d) of the Clean Air Act. He addressed the electricity intensity of Kentucky's economy and the state's anticipated CO₂ reductions based upon planned fossil fleet retirements. The U.S. Environmental Protection Agency will be issuing proposed greenhouse gas (GHG) standards for existing power plants in June 2014. The paper urges EPA's consideration of a flexible, mass-emissions strategy (sector-wide percentage CO₂ reductions compared to a baseline year) that would be more effective and less costly than a rigid rate-based (lbs. CO₂ per megawatt hour) emissions standard.

Presentation of Electricity Generation Efficiency Study

Dr. John Rogness

Dr. Rogness gave an overview of the Cabinet's development of a computer modeling program that considered 28 scenarios related to the future portfolio of Kentucky's electric generation fleet. The data was utilized to compose the study entitled - *Economic Challenges Facing Kentucky's Electricity Generation under Greenhouse Gas Constraints*. The paper neither advocates nor endorses a particular federal policy option for regulating greenhouse gas emissions. It is intended to inform federal and state leaders of the challenges that lie ahead for Kentucky and the opportunities we have to respond effectively.

**Presentation of Kentucky Home Performance
Andrew Isaacs**

Mr. Isaacs presented a history of the Kentucky Housing Corporation's *Kentucky Home Performance* residential energy efficiency initiatives. He discussed a number of awards and recognized achievements related to the participation levels and energy conservation impacts accomplished by the programs. He gave a detailed overview of their current efforts of working with utilities, contractors, and other stakeholders in improving energy conservation.

**Update on Combined Heat & Power (CHP) Grants
Lee Colten**

Mr. Colten informed the board that DEDI had been successful in collaborating on two CHP related grant awards. The first effort which involves participation with the Southeast CHP Technical Assistance Partnership headquartered in North Carolina consists of a \$95,000 award to DEDI. The second award of \$100,000 complements the CHP technical assistance initiative and provides resources that are shared by DEDI's partners in the effort – KPPC and the Kentucky Association of Manufacturers (KAM). Both programs will foster the development of CHP technical expertise in the state, create a stakeholder team, help identify opportunities for CHP deployment, and assist with the feasibility determination of potential CHP investments.

New Business

Dr. Peters noted that Swiss chemist Dr. Michael Graetzel has won the Leigh Ann Conn Prize for Renewable Energy from the University of Louisville and there will be activities related to his honor at the university during the period of March 15 through 20.

Meeting Adjourned